

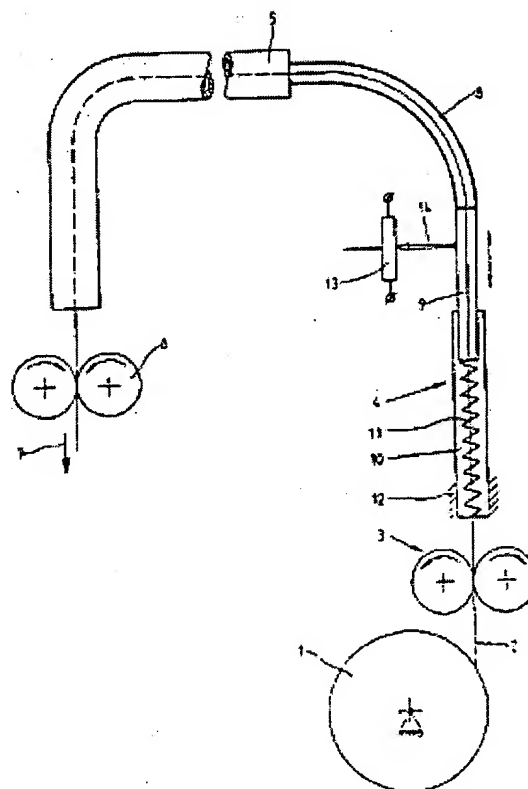
Transport arrangement for the welding-wire feed on welding equipment

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Abstract of DE3827508

The invention deals with the control of the welding-wire feed on welding equipment. In order to deliver the welding wire (2) at constant force even in the face of unfavourable actions of force and avoid tensile or compressive stresses, the welding wire (2) is guided between a pushing drive (3) and a pulling drive (6) through a yielding part (4) and a curved tube (8). The tube tension is assisted by a spring (11). The yielding part (4, 9) is coupled to a control member (13) which measures the yielding travel of the yielding part (4, 9) when compressive or tensile stresses develop at the welding wire (2) and feeds it to a control system for compensation via speed control of the first drive (3). In this way, even very soft and thin welding wires (2), for example made of tin, aluminium or the like, can be delivered without problem.



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